

DIGITAL **PROJECTION** **USER GUIDE**

Projector Controller

Version 2.0



CONTENTS

Overview	3
Installation And Startup	4
Network requirements	4
Working With Projector Controller	5
The workspace	5
Working with available connections	6
Switching between Tile and Grid	7
Adding and removing projectors	7
Editing projector settings	8
Lamp status	9
Using groups	10
Create a group	10
Delete a group	10
Assign a name to a group	10
Add a projector to a group	11
Edit group settings	12
Viewing logs	13
Applying themes	14
Identifying a projector	15

Overview

Projector Controller enables you to monitor and control all projectors connected to your LAN network.

From a single screen layout you can view all projectors and access settings for an individual projector or for a group of projectors.

The software allows you to:

- Create groups of projectors which can be controlled simultaneously
- View essential information, such as model, name, ON/OFF status and lamp status, about all projectors on the network at a glance
- Monitor projector status
- View logs containing all interaction between the software and the projectors on the network
- View network information such as IP and MAC address
- Switch power on and off, open and close the shutter
- Remove projectors from the network
- Edit and control an array of settings, including:
 - Inputs and test patterns
 - Lens, image, color and geometry
 - Edge Blend and PIP settings
 - Plus many more

Notes

Installation And Startup

1. Ensure you have Microsoft .NET 2.0 framework installed on your computer.
2. Start the installer, *DPProjectorControllerSetup.exe*, and follow the instructions of the wizard.

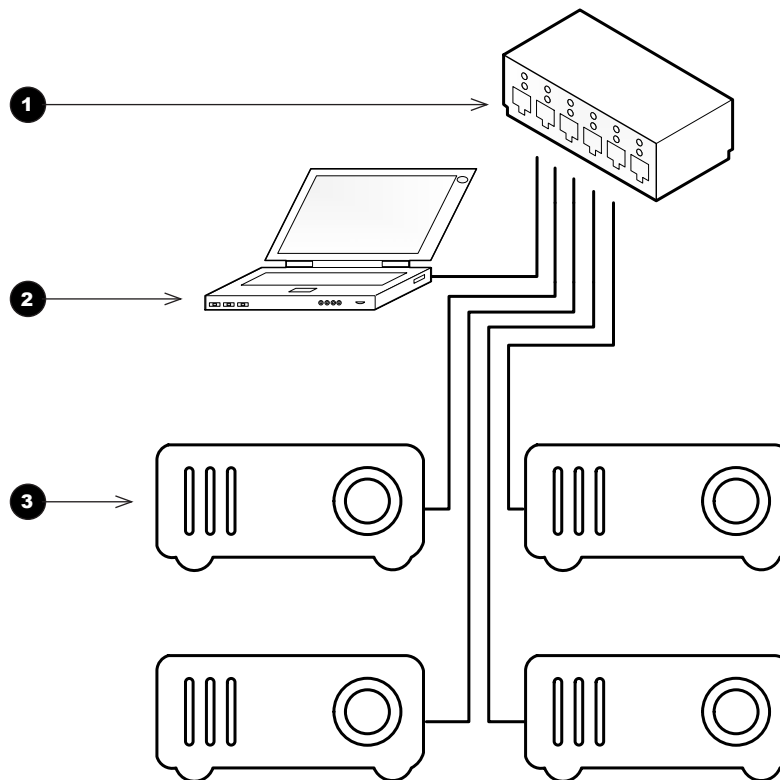
The setup creates a Start menu shortcut at the following location:

- **All Programs > Digital Projection > Projector Controller > Projector Controller 2.0.0.0** (Windows 7 and above).
- **Programs > Digital Projection > Projector Controller > Projector Controller 2.0.0.0** (Windows XP).

Network requirements

We recommend a small dedicated local area network using UDP as shown in the illustration.

- 1 Hub
- 2 Computer
- 3 Projectors



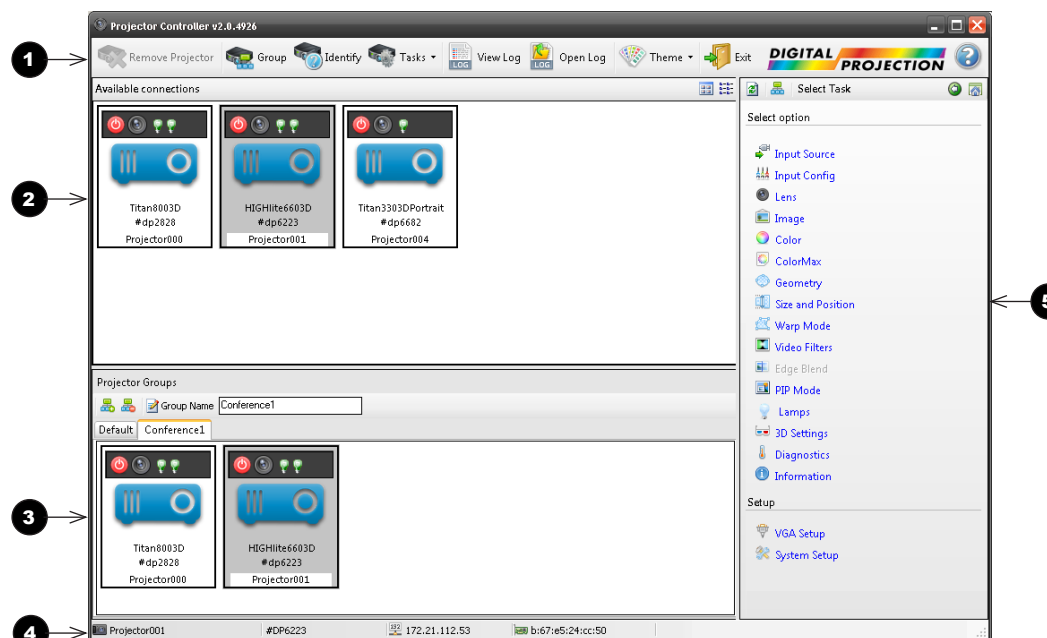
Notes

Working With Projector Controller

The workspace

The Projector Controller surface has the following components:

- 1 Menu**
Contains sub-menus and individual commands. Some menu items may be unavailable as shown in the illustration.
- 2 Available connections**
View the model, name, lamp status and configuration, and whether the projector is powered on. The currently selected projector has a darker background. Use the buttons in the top right corner to switch between tile and grid view.
- 3 Projector groups**
Create and manage groups of projectors. Access and change group settings.
- 4 Information bar**
This area provides information about the currently selected projector: name, serial number, IP and MAC address.
- 5 Task pane**
All settings for the currently selected projector can be controlled from this area.

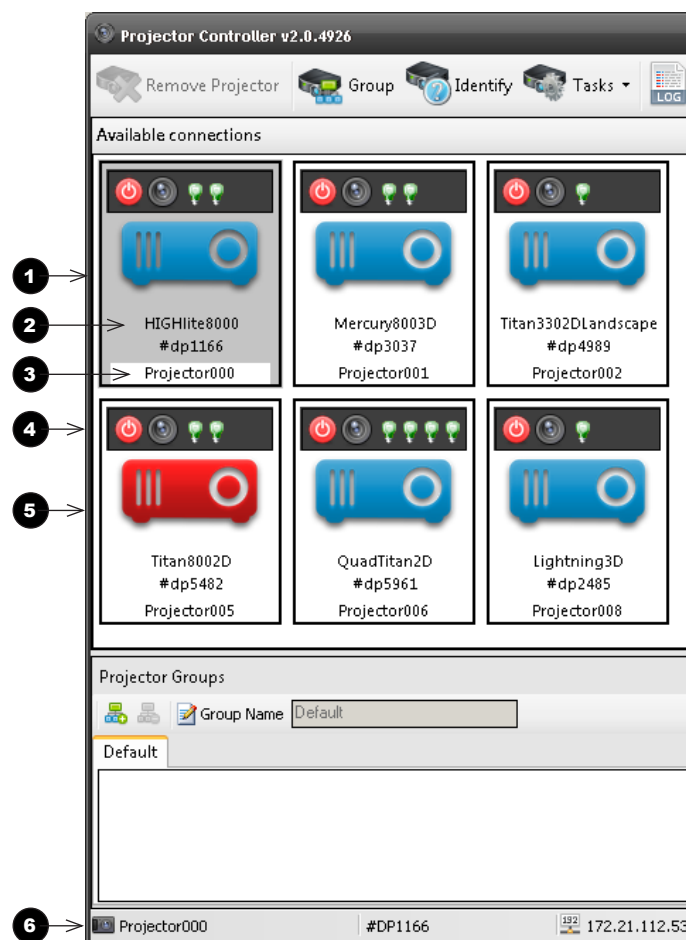


Notes

Working with available connections

In the default **Tile** view, each projector on the network is displayed as an individual tile.

- 1** **Currently selected projector**
The currently selected item has a dark background. Click on a projector to select it.
You cannot select multiple projectors. To work with multiple projectors, see **Using Groups** later in this guide.
- 2** **Projector model and serial number**
- 3** **Projector name**
When a projector is added to the network, the software assigns a default name. You can edit this text and assign a name of your choice.
- 4** **Quick controls**
The ribbon at the top of each item allows you to:
 - switch the projector on and off;
 - open and close the shutter;
 - view lamp status.
- 5** **Disconnected projector**
A disconnected projector will remain visible until removed.
- 6** **Information bar**
This area provides information about the currently selected projector: name, serial number, IP and MAC address.

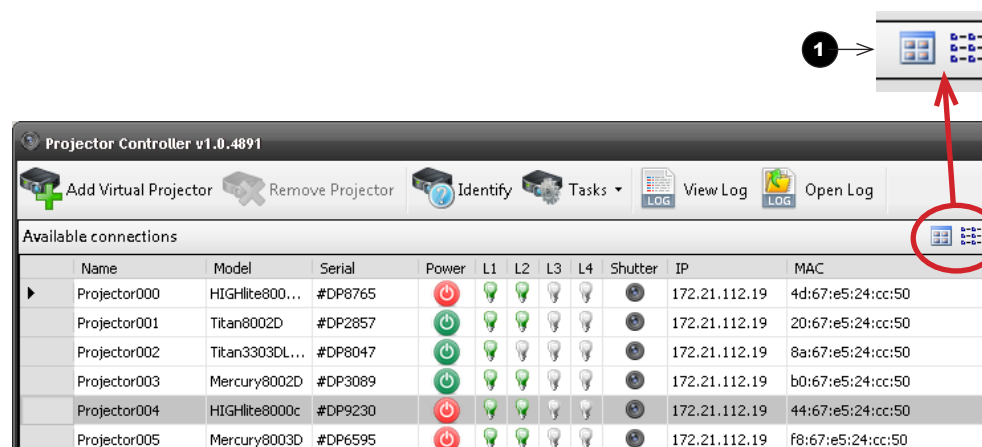


Notes

Switching between Tile and Grid

To switch between *Tile* and *Grid*,

- click **the buttons 1** at the top right corner of the **Available connections** pane.

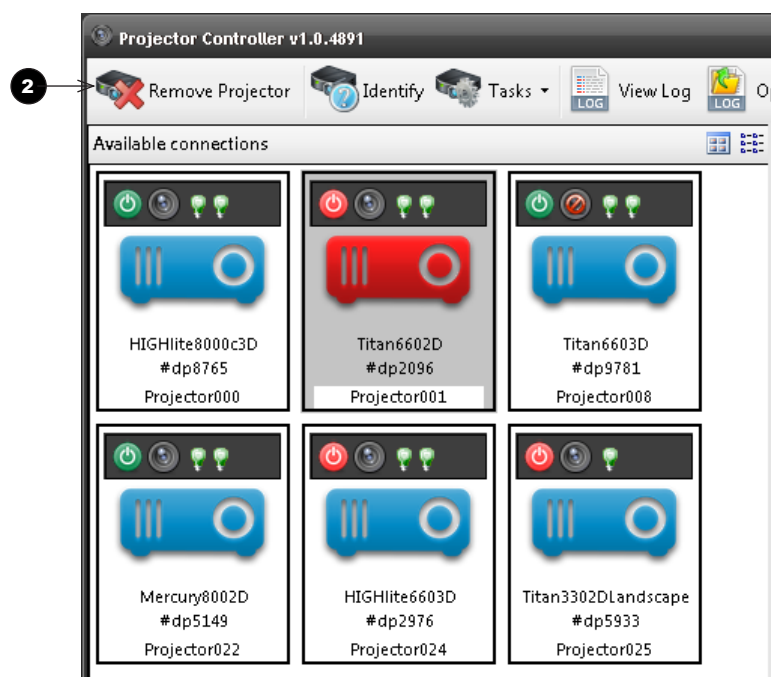
**Adding and removing projectors**

To add a projector,

- simply connect the projector to the network via LAN. The software will detect the new projector and add it to the view automatically.

To remove a projector:

- Disconnect the projector from the network.
- In the **Available connections** pane, select the disconnected projector. Click **Remove Projector 2** from the menu.

**Notes**

A disconnected projector appears red in **Tile** view. In **Grid** view this information is unavailable.

You can only remove a projector if it is disconnected from the network.

Editing projector settings

Projector settings are accessible from the following locations:

- Select an item to edit from **Menu > Tasks**.

or

- Select an item from the **Task** pane.







Depending on the projector model and existing configuration, some settings may be unavailable.

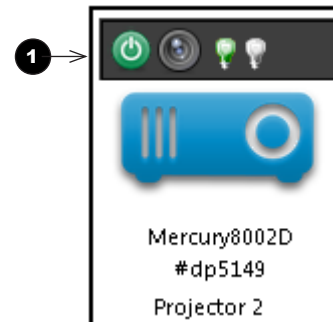
Notes

Lamp status

You can monitor lamp statuses from *the Quick Controls ribbon* **1** at the top of each projector.

Each lamp is represented by a lightbulb symbol. Lamp status is indicated by the color of the lightbulb, as follows:

Color		Meaning
Gray		The lamp is switched off.
Green		The lamp is switched on and working.
Green (flashing)		The lamp is switched on and warming up.
Amber (flashing)		The lamp is cooling down.
Amber		The lamp is working at less than full capacity.
Red		An error.



A two-lamp projector

Notes

*In **Grid** view there are always four lightbulbs regardless of the projector model. Two-lamp and single lamp models always appear with some gray lightbulbs.*

Using groups

Groups enable you to edit settings for several projectors simultaneously, without the need to open each projector individually.

You can have a number of groups and each projector can be added to any group. A projector can be added to more than one group.

You can delete and rename groups as needed. The only group that cannot be deleted or renamed is the **Default** group, which is created automatically by the software.

Once added to a group, a projector cannot be removed from it. When a projector is disconnected and removed from the **Available Connections** pane, it also disappears from its groups, if any.

Create a group

To create a group, click **Add a new Projector Group**

1

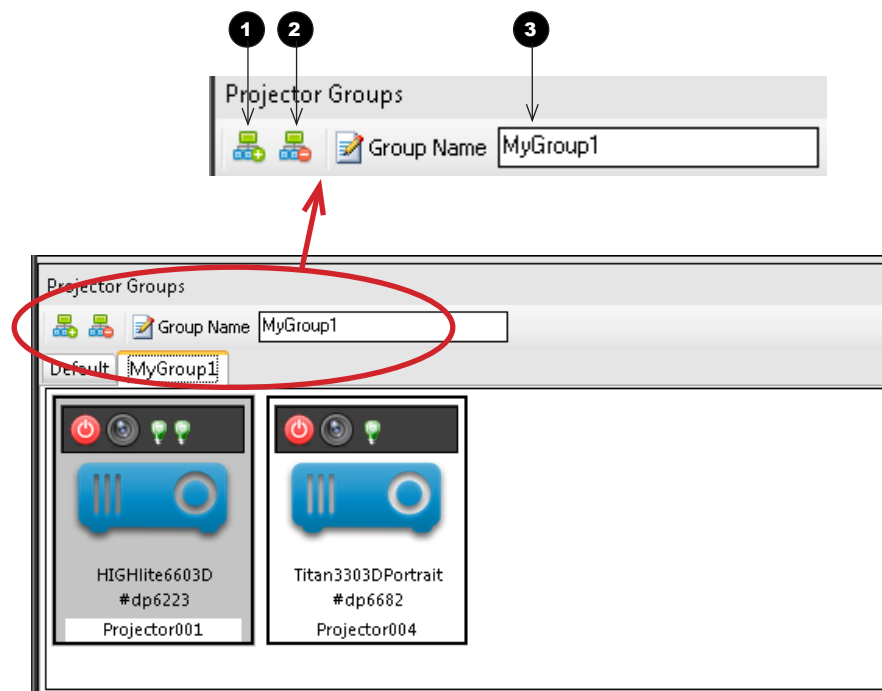
Delete a group

To delete a group, click **Delete the current Projector Group**

2

Assign a name to a group

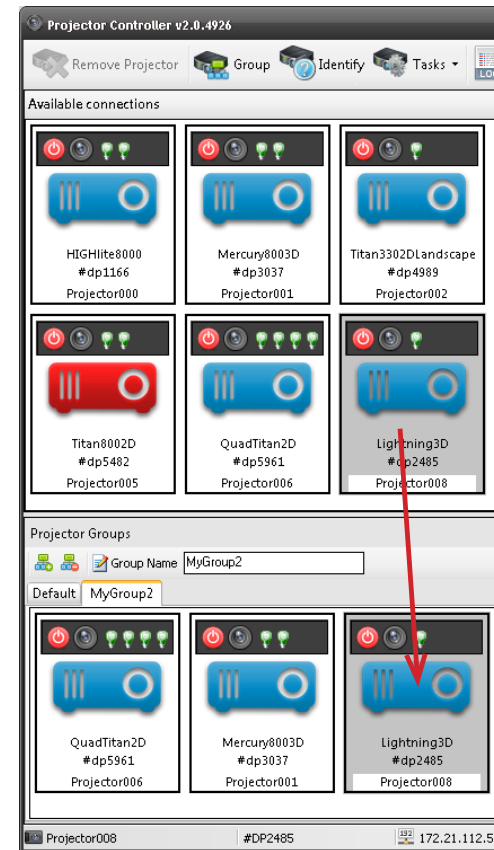
To assign a name to a group, click inside the **Group Name** text box 3 and type the new name. Note - names cannot contain spaces.



Notes

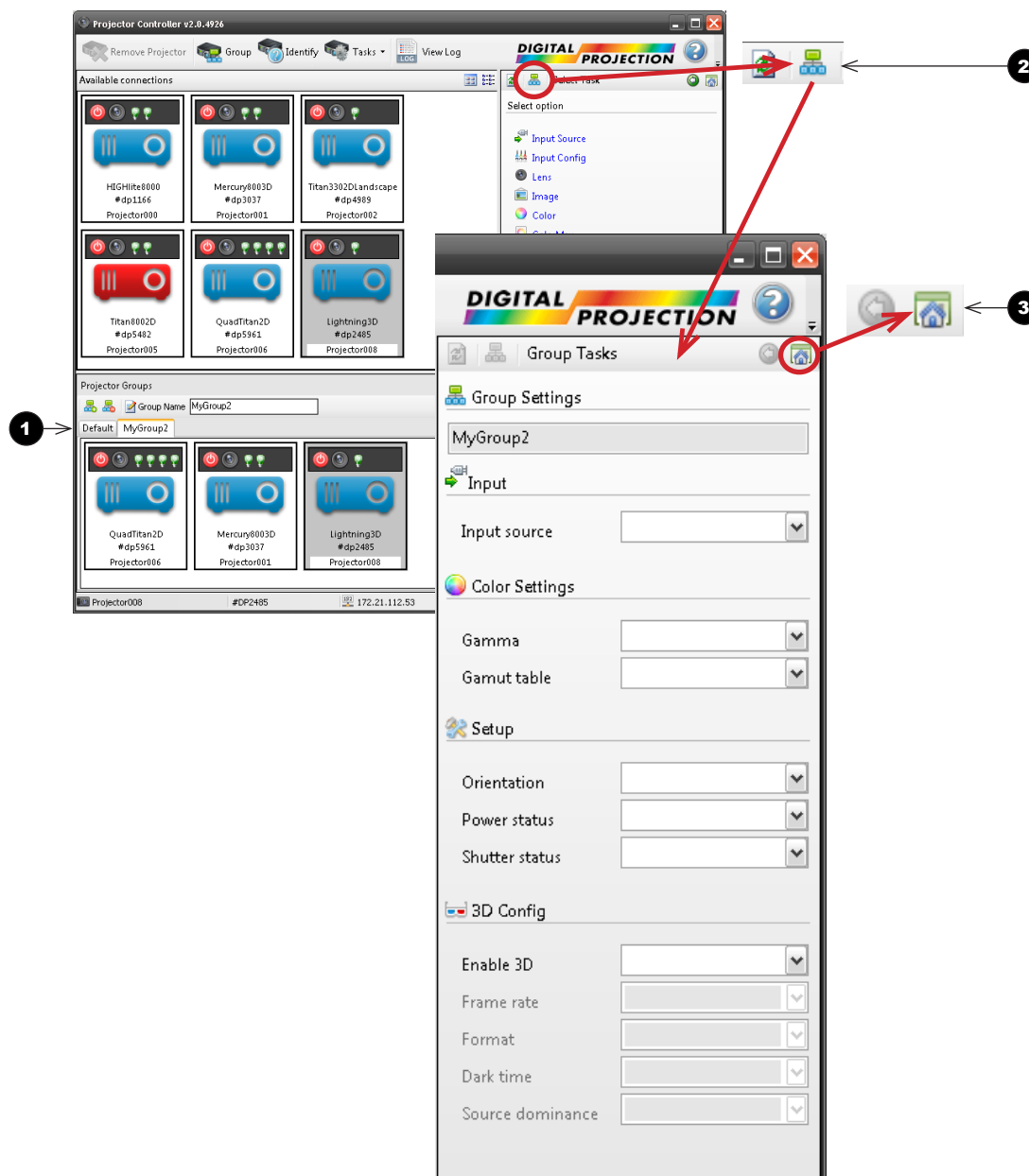
Add a projector to a group

To add a projector to a group, drag it from the **Available connections** pane into the group.

**Notes**

Edit group settings

- 1 Open the group you wish to edit.
- 2 In the **Task** pane, click **Show Group Settings**. The **Group Tasks** pane appears. Edit the settings as required.
- 3 To exit group settings, in the **Task** pane, click **Home**.

**Notes**

Initially all settings within the **Group Tasks** pane appear blank. When you edit a setting, the **Group Tasks** pane shows the new group value.

Viewing logs

Use the menu buttons as follows:



View Log

View Log opens a record of interaction between the software and the currently selected projector logged within the current session.



Open Log

Open Log opens the application log as a text file, using an external editor. This log contains all events raised by the application since it was installed.

You can save a copy of this log on your computer.

Notes

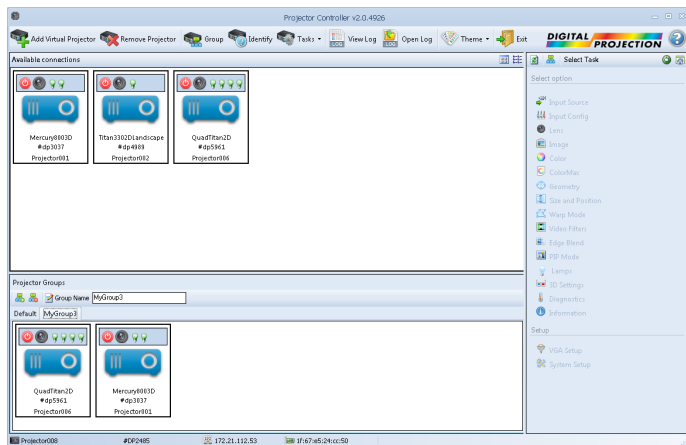
Applying themes

You can customize the software by applying different themes.

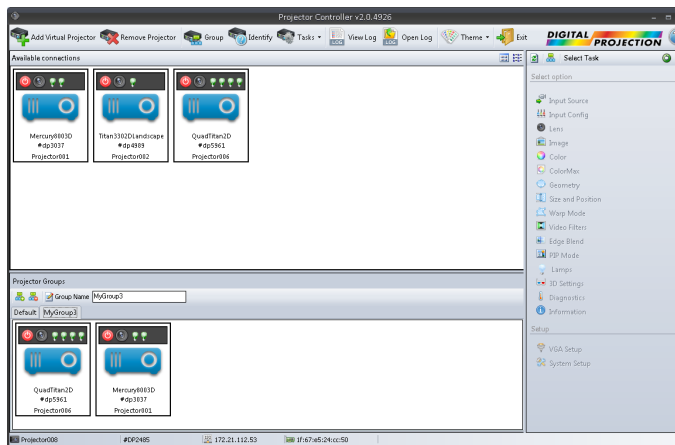
To apply a theme,

- click **Menu > Themes** and select a theme from the list.

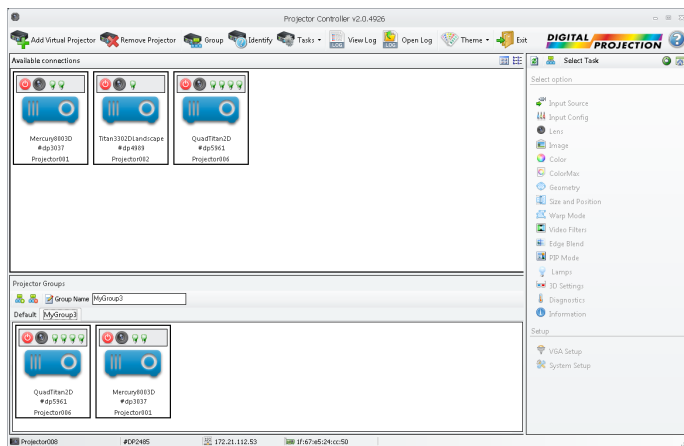
Choose from the following themes:



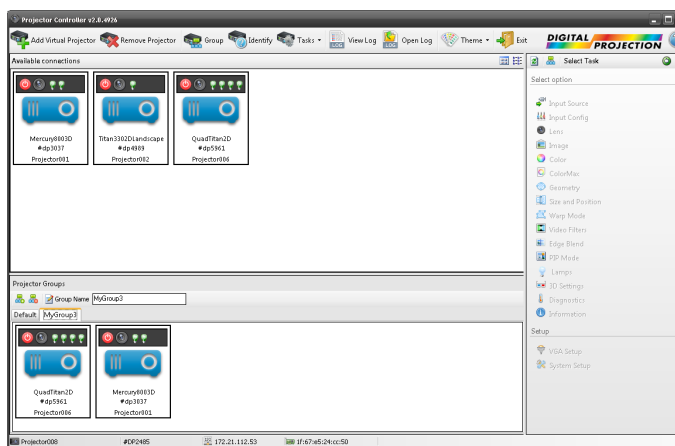
Office Blue



Office Black



Office Silver



Default

Notes

Identifying a projector

To identify a projector in the array, select the projector in the **Available connections** pane and click **Menu > Identify**.

The keypad lights on the selected projector will flash for 10 seconds to allow identification.



Notes